

Test Notes

Test Procedure/Task: LPD-F003 T2 Rev: R76 Issue: 1 DWP #: 133342 WO #:				Test Date/Time: 03/19/09 1415	
Title: Second Stage Propellant Servicing					
Site/Program: CCAFS/Delta II		Location: Launch Control Center (LCC) - DII		Mission: GPS IIR-20 Effectivity:	
Creator: Johansen, Ward Phone: 805-606-6340 x6318/3		Work Group: Operations		Shift: 2 Note Started: 03/19/09 1508	
Title of Test: Test Conductor					
Description of Test					
Time	H/A	Description			
1415		Johansen on console			
1450	HWA3	Intermittent Prepress valve successfully repaired.			
1501		Ox already loaded. Preparing for SS Fuel load			
1730		Fuel load to 100%			
1731		Ullage draw			
1911		Pad open for essential work			
CCN: Hours:					

Test Notes

Test Procedure/Task: LPD-F121 T1 Rev: Issue: 1 DWP #: WO #:				Test Date/Time: 03/19/09	
Title: Second stage prop servicing					
Site/Program: CCAFS/Delta II		Location: Pad 17A		Mission: GPS IIR-20	
Effectivity:		Creator: Lotspeich, Robert Phone: 321-476-3118		Work Group: Engineering Propulsion Shift: 1 Note Created: 03/19/09 1444 Note Updated:	
Title of Test: Second stage oxidizer load					
Description of Test					
<p>Completed successfull oxidizer load with the following results:</p> <ul style="list-style-type: none"> avg. load temp = 62 deg F final load based on fill to overflow & ullage draw = 8699 lbs target load based on 62 deg F propellant temperature = 8699 lbs <p>H/A DCI index #3 issued to document intermittent operation of fuel prepress valve discovered during preps. No constraint to oxid load and ok to proceed. R&R of this valve is in work at this time prior to fuel loading operation.</p> <p>Two minor leaks discovered during the oxid load. GSE filter at PLP panel had a minor vapor leak at the inlet b-nut detected with the interscan leak detector. The oxidizer service/overflow hose connection at the ground oxidizer service QD had a minor leak (occasional drip) detected just after the planned oxidizer tank overflow. Both leaks were treated with neutralizer soaked absorbent cloths per appx. "K" emergency recovery procedures. The service/overflow QD was removed from the hose in securing and a H/A DCI is being generated on the PLP filter b-nut leak to be addressed in F90 T003.</p> <p>Communication problems with tanker crew. Tech3 lost ability to transmit at approx. 30-40% load but was still able to receive transmissions. Then regained comm. towards the end of the operation again. Must be headset / comm. pigtail / or SCAPE suit related since all others had good comm for duration of load.</p> <p>Great job by the crews!</p>					
CCN: 8WEH2WSE Hours: 6					
Attachments					

Test Notes

Test Procedure/Task: LPD-F003-T02				Test Date/Time: 03/19/09	
Rev: 76		Issue: 1		DWP #: 	
WO #: 		Title: Second Stage Propellant Load			
Site/Program: CCAFS/Delta II		Location: Pad 17A		Mission: GPS IIR-20	
Effectivity: 					
Creator: Penna, John		Work Group: Engineering Propulsion		Shift: 1	
Phone: 805-606-6340 x2219				Note Created: 03/19/09 1920	
Note Updated: 					
Title of Test: second propellant load "A50"					
Description of Test					
<p>Completed second stage propellant servicing with A50 load.</p> <p>Transferred 618 gal (627.6 indicated by flowmeter) into vehicle. Overflow was confirmed. Drew back 1381.9 cu. in. for ullage based on an average transfer temperature of 66.0 degF.</p> <p>FLIGHT LOAD = 4613 lb</p> <p>DCI 3 - hardware anom - fuel prepress (AGE), would not open / close, removed from 17B and installed @ 17A for the operation. Valve functioned correctly though out the task with no further issues.</p> <p>Once again though the operation we had several x's bad comm. before operation could begain wasted 55 - 65 min's.</p> <p>Great job by Mike Serra and Steve Davis, who removed & replace the Fuel Prepress Valve. Great work in getting this show stopper done, and having another GREAT fuel load....</p>					
CCN: 					
Hours: 					
Attachments					

Test Notes

Test Procedure/Task: LPD-M560 T1				Test Date/Time: 03/19/09	
Rev: 1		Issue: 1		DWP #: 99381	
WO #:					
Title: Task 1: 40 AMP HR Battery Receiving Inspection					
Site/Program: CCAFS/Delta II		Location: Battery Lab - DII		Mission: Non-Flight	
Effectivity:					
Creator: Dehestani, Nahid		Work Group: Engineering Electrical		Shift: 1	
Phone: 321-853-5235				Note Created: 03/19/09 1357	
				Note Updated:	
Title of Test: Receiving Inspection of 40 AH Batteries					
Description of Test					
Active with "receiving inspection" of 40 AH batteries of LDC 2978, serial numbers 40-0403 thru 40-0411, Ref: M560					
Completed "Receiving Inspection" for batteries 40-0403 thru 40-0405					
CCN: 8WEH10LP					
Hours: 4					
Attachments					

Test Notes

Test Procedure/Task: LPD-V026 T1				Test Date/Time: 03/19/09 0500	
Rev: 39	Issue: 1	DWP #: 124160	WO #:		
Title: Solid Motors Erection and Mate					

Site/Program: VAFB/Delta II	Location: Launch Pad (SLC2)	Mission: STSS_BLOCK_201 0	Effectivity:
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Creator: Masi, Steve Phone: 805-606-6340 x2362	Work Group: Operations	Shift: 1	Note Started: 03/19/09 0820
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Title of Test: **Solid Motor Erection and Mate**

Description of Test

Time	H/A	Description
0500		Pretest briefing. Comm channel 5 & 6 for V26T1
0520		Briefing complete proceeding with preps
0530		Opening MST and positioning motor
0535		Pad status AMBER. Performing crane checks.
0615		Motor #7 positioned, positioning aft trunnion, hoisting motor for trailer removal
0630		Trailer removed, ready to proceed with hoist
0635		Motor vertical, disconnected from aft trunnion, proceeding with removal aft trunnion fixtures
0650		Positioned 2nd motor SM#1
0715		Forward and aft ball preps complete, ready for motor mate
0720		Motor mated, proceeding with running torque
0800		Final torque complete, releasing load
0830		Motor #7 Complete
0910		Motor #1 positioned, positioning aft trunnion, hoisting motor for trailer removal
0920		Trailer removed, ready to proceed with hoist
0930		Motor vertical, disconnected from aft trunnion, proceeding with removal aft trunnion fixtures
1000		Forward and aft ball preps complete, ready for motor mate
1010		Motor mated, proceeding with running torque
1030		Positioned 3rd motor SM#8
1040		Final torque complete, releasing load
1115		Motor #1 Complete, Crew on lunch
1150		Call to stations
1205		Motor #8 positioned, positioning aft trunnion, hoisting motor for trailer removal
1220		Trailer removed, ready to proceed with hoist
1230		Motor vertical, disconnected from aft trunnion, proceeding with removal aft trunnion fixtures
1255		Positioned 4th motor SM#6
1310		Forward and aft ball preps complete, ready for motor mate
1315		Motor mated, proceeding with running torque
1355		Final torque complete, releasing load
1420		Motor #8 Complete
1450		Motor #6 positioned, positioning aft trunnion, hoisting motor for trailer removal
1505		Trailer removed, ready to proceed with hoist

Time	H/A	Description
1515		Motor vertical, disconnected from aft trunnion, proceeding with removal aft trunnion fixtures
1550		Forward and aft ball preps complete, ready for motor mate
1600		Motor mated, proceeding with running torque
CCN:		
Hours:		

Test Notes

Test Procedure/Task:				Test Date/Time:	
Rev:		Issue:		DWP #:	
Title:		WO #:		03/19/09	
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201 0	
Effectivity:		Creator: Dean, Sean		Work Group: Engineering Facilities	
Phone: 805-606-6340 x6194		Shift: 1		Note Created: 03/19/09 1553	
Note Updated:					
Title of Test: MST CRANE GEAR ALIGNMENT INSPECTION					
Description of Test					
MST CRANE GEAR ALIGNMENT INSPECTION-VLCD DCI F7011					
PERFORMED RUN #6 IN THE SERVICE POSITION PRIOR TO S/M ERECTION. NO ISSUES. WILL PERFORM RUN #7 TOMORROW.					
SEAN					
CCN:					
Hours:					
Attachments					

Test Notes

Test Procedure/Task: Rev: Issue: DWP #: WO #: Title:				Test Date/Time: 03/19/09 1530	
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: Effectivity:	
Creator: Hillier, Ed Phone: 805-606-6340 x2209		Work Group: Tech Services Group		Shift: 1	Note Created: 03/19/09 1844 Note Updated:
Title of Test: SLC-2 TSG FIRST SHIFT					
Description of Test					
<p>DELTA:</p> <ul style="list-style-type: none">• V158 T1/3 DAILY FACILITY CHECKS -----COMPLETE• MAINTENANCE SUPPORT & 7I WORK ORDERS -----ACTIVE WITH MISC WORKORDERS• ENVIRONMENTAL COMPLIANCE / CAL LAB / LPD PARTS PULL SUPPORT -----ACTIVE AND ON GOING• HYDRO LAB ----- ACTIVE AND ON GOING• A/C / PROOFLOAD / MACHINE SHOP SUPPORT -----ACTIVE WITH MISC A/C / MACHINE SHOP ITEMS, SEE CHAMBLESS TEST NOTES FOR PROOFLOAD AREA <p>STSS ATTR:</p> <ul style="list-style-type: none">• V42 T2 DAILY VEHICLE CHECKS -----COMPLETE• VLCD DCI F7011 MST EXT CRANE DRUM ALIGNMENT INSP -----COMPLETE FOR TODAY• V26 T1 SOLID MOTOR ERECT & MATE -----COMPLETE FOR TODAY, COMPLETED MATING S/M'S #7, #1, #8, ACTIVE WITH #6, SEE 2ND SHIFT & ENG TEST NOTES• V117 T2 S/M FIXTURE INSTALL & TRANSPORT -----ACTIVE• V121 T3 2ND STAGE C-BAND INSTALLATION -----COMPLETE• V132 T5 DIS-ASSEMBLE S/C CAN -----ACTIVE <p>ELECTRICAL:</p> <p>FACILITIES:</p> <p>ED HILLIER / RAY ALCAMO</p>					
CCN: Hours:					
Attachments					

Test Notes

Test Procedure/Task: LPD-V083 T1				Test Date/Time: 03/19/09			
Rev: 13		Issue: 1		DWP #: 138638		WO #:	
Title: GSE Mission Software Verification and Database/System Checks							
Site/Program: VAFB/Delta II		Location: RLCC		Mission: STSS_BLOCK_201 0		Effectivity:	
Creator: Jones, Rachel		Work Group: Engineering Electrical		Shift: 1		Note Created: 03/19/09 1902	
Phone: 805-606-6340 x2292/3						Note Updated:	
Title of Test: STSS2010C DB Load							
Description of Test							
<p>Loaded PRIME and Shadow TFE with Mission database. Loaded ITS1 with parameter files. No problems noted, still need to load ITS2 & ITS3.</p> <p>The only checkout item left to do is go through the diff file.</p>							
CCN: WDK2LVEL							
Hours: 4							
Attachments							

Test Notes

Test Procedure/Task: DCI - Hdwe Anom-VACD-ELECTRICAL DCI E1481				Test Date/Time: 03/19/09			
Rev:		Issue: 1		DWP #: 141366		WO #:	
Title: TFE #1 FIDDI Switch Reset							
Site/Program: VAFB/Delta II		Location: RLCC		Mission:		Effectivity:	
Creator: Jones, Rachel		Work Group: Engineering Electrical		Shift: 1		Note Created: 03/19/09 1908	
Phone: 805-606-6340 x2292/3						Note Updated:	
Title of Test: TFE #1 Not Locking Up							
Description of Test							
<p>TFE #1 would not lock on Bit Sync after restart of chassi. After ruling out the FDDI card and the hard drive, we replaced the P1 processor card with the one from the Blockhouse and the TFE booted normally.</p> <p>Currently the project is loaded and the Shadow Master is connected. We will continue to monitor and will be sending the suspect card back to the Vender for repair.</p>							
CCN: WDQ15ED15							
Hours: 5							
Attachments							

Test Notes

Test Procedure/Task: LPD-V026 T1				Test Date/Time: 03/19/09 0500	
Rev: 39		Issue: 1		DWP #: 124160	
WO #:					
Title: Solid Motors Erection and Mate					
Site/Program: VAFB/Delta II		Location: Launch Pad (SLC2)		Mission: STSS_BLOCK_201 0	
Effectivity:					
Creator: Knowles, Tom		Work Group: Engineering Mechanical		Shift: 1	
Phone: 805-606-6340 x2230				Note Created: 03/19/09 2051	
				Note Updated: 03/19/09 2057	
Title of Test: SRM hoist and mate – Day 2.					
Description of Test					
<p>0500 start. Mated 4 SRM's #7, #1, #8, and #6. Calm winds. 2nd shift secured MST for the day per appendix -L-. Levels 1,3, and 5 down. All doors closed. See TC notes for time lines. Continue with op tomorrow for remaining 3 motors.</p> <p>Excellent work by a dedicated crew today.</p> <p>No anomalies.</p>					
CCN:					
Hours:					
Attachments					

Test Notes

Test Procedure/Task: DPAD-1D54005-P0109				Test Date/Time: 03/19/09	
Rev: L		Issue: 1		DWP #: WO #: 124523	
Title: Delta II First Stage Avionics Upgrade Wire Harness Test					
Site/Program: Decatur/Delta II		Location: Delta II Booster Checkout (D2FSCO)		Mission: WorldView-2	
Effectivity: 20146					
Creator: Ferguson, Steve		Work Group: Engineering Electrical		Shift: 1	Note Created: 03/18/09 1449
Phone:				Note Updated:	
Title of Test: DII Booster CKT					
Description of Test					
TRR Complete. Ready to begin Cable Up.					
CCN:					
Hours:					
Attachments					

Test Notes

Test Procedure/Task: DPAD-1D88000-P0208				Test Date/Time: 03/19/09 0600	
Rev: H		Issue: 1		DWP #: WO #: 125163	
Title: Second Stage DWV Mission Specific					
Site/Program: Decatur/Delta II		Location: Delta II Second Stage Checkout (D2SSCO)		Mission: WorldView-2	
Effectivity: 20238					
Creator: Schoknecht, Dustin		Work Group: Engineering		Shift: 1	Note Created: 03/19/09 1628
Phone: 256-432-1885				Note Updated:	
Title of Test: Second Stage DWV Mission Specific					
Description of Test					
1200VAC test ran this morning. We picked up an arc at JU2-173, which turned out to be a wire pinched in a clamp point. NC47922 was generated to address this. It is currently being disposed to cut the machine braid back to expose the pinched wire. Will update later.					
CCN:					
Hours:					
Attachments					